

Appn. Number: 10/050,193 Reply to **Non-Compliant Amendment** of 11/8/04, and Office action of **Election/Restriction** of 8/8/05

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Appn. Filed 01/16/2002

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Office action of 8/8/05

Amendments to the Specification:

Please replace this section of the specification page [69 to page 70] with the following amended section of the specification:

Audio-Cell Acoustic Enhancement Communication

Abstract

[Page 69-70] A communication system comprising at least one audio enhancing circuit (47) consisting of at least one input port or input section which is capable of inputting original audio signals from at least one output port or output section of at least one acoustic source such a microphone. Furthermore, said at least one audio enhancing circuit is capable of ~~enhancing~~ said original audio signals to magnificently enhanced quality value that is at least in part of intelligible perimeter in which is important for reasonable perception. Said magnificently enhanced quality value extends from the acoustic value of "telephone quality audio signals" thereto enhanced acoustic value. ~~Thereby,~~ said at least one audio enhancing circuit further employs at least one or two communicative channel which is able to channel the acoustic enhancement communication procedure in a simplex or duplex mode thereof, and provides at least one band of audio signals or at least three bands of audio signals that is able to band predetermine audio signals for the emphasis of audio tone herein, and control means are provided to the audio enhancing circuit for controlling said audio signals in which the control means provides a user with the option of subjective control while communicating said audio signals, said enhanced audio signals, or said at least one audio enhancing circuit is able to provide fixed components herein such as fixed capacitors, fixed resistors, fixed inductors, et cetera for the implementation of fixed enchantment acoustic quality value thereof.

Furthermore, for the conveyance of unlimited band quality audio signals over a communication spectrum such as a voice frequency spectrum, multiplexing means are provided herein, in which is able to communicate the enhanced quality of audio signals in accordance with the degree of the conveying signals that is applied in an application hereof. Said at least one audio enhancing circuit as recited is recited as at least one section of, may be integrated with, or an audio processing circuit, an audio preamplifier circuit, an audio equalizer circuit, an audio amplifier circuit, other audio circuits that are capable of possessing or/and enhancing audio signals for connecting to a communication system. The three bands of audio signals of said audio enhancing circuit is able to employ at least one band of high audio frequency signals **(74)** which may be specified at an approximate value that is capable of vocal accentuation for which is important for intelligibility and the manipulation of clarity, at least one band of midrange audio frequency signals **(75)** which may be of specified value which are important for audio quality, and at least one band of low-range audio frequency signals **(76)** which may be of specified value that are fundamental to vocal signals herein. Thereby, each band of audio signals is stressed to implement magnificent perception therein. The adjacent receiver section **(85)** may further comprise a dispensable output section, for voluntarily coupling externally to an independent audio system.